

Westwood Ave. Trees

Chad Herwald

City Arborist

April 26, 2012

Westwood Ave. Trees

- Introductions
- Ordinances
- Timeline of events
 - Communication with homeowners
- Evaluation
- Alternatives
 - Estimated Costs
- Questions

Columbia Code of Ordinances

Section 24-120 - Public tree care.

The city shall have the right to plant, prune, maintain and remove trees and other woody vegetation on all property owned or maintained by the city.

Columbia Code of Ordinances

Section 24-94 - Existing trees located on public street right-of-way.

Any tree located on public street right-of-way on February 21, 1994 shall be allowed to remain in place unless the director of public works determines that it presently does, or at maturity will, obstruct required sight distance, interfere with utilities or street lights, or otherwise endanger the health, safety and welfare of the citizens of Columbia.

(Ord. No. 13969, § 1, 2-21-94)

Columbia Code of Ordinances

Section 24-95 - Maintenances duties and obligations.

(a) The property owner shall maintain landscape material planted on public street right-of-way in such a manner as not to obstruct or interfere with the public use of streets and sidewalks.

(b) Maintaining landscape material shall include removal of dead plant material and trimming trees and bushes to provide horizontal and vertical clearances specified by city standards.

(c) The director of public works may remove landscape material on public street right-of-way that is not properly maintained.

(Ord. No. 13969, § 1, 2-21-94)

Columbia Code of Ordinances

Section 11-230 – Nuisances Enumerated and Prohibited.

The following are declared to be nuisances:

(4) A tree or any tree limb that is dead and that is a hazard to life or property.

(5) A tree or any tree limb that causes a safety hazard by obstructing the line of sight of a motor vehicle driver, bicyclist or pedestrian at a street intersection.

(6) A tree or any tree limb that could interfere with the passage of motor vehicles, bicycles or pedestrians on any public right-of-way.

(7) A tree that harbors insects or disease that constitutes a potential threat to other trees.

Columbia Code of Ordinances

Section 24-88 - Application for permit to
landscape on public street right-of-way.

(Ord. No. 13969, § 1, 2-21-94)

Co-owners of right of way trees

Adjacent home owner's responsibility

City's responsibility

Timeline

- 2010 - First point of contact
 - Neighborhood resident contacts City regarding trees heaving sidewalk
- Homeowner and City meet several times over 2-year period
- Summer 2011 – City applies for TRIM grant
- October 2011 – TRIM grant awarded to City

Timeline

- December 12, 2011 - Complaint lodged from 201/203 Westwood regarding sidewalk condition
- December 2011 - City Arborist visits site of complaint

Timeline

- December 2011 - City Arborist meets with adjacent homeowner and Street and Storm Water Maintenance Manager
 - Decision made to wait for approval from Director of Public Works
- February 2012 - Street & Storm Water Maintenance Manager notifies City Arborist of approval to remove trees

Timeline

- March 2012 – Ratliff Tree Service contacts City Arborist
- April 2012 – City Arborist revisits Westwood Ave.
 - Confirms trees at 201 Westwood are in the right-of-way and speaks with adjacent homeowner

Timeline

- April 12, 2012 – City Arborist meets with Ratliff Tree Service on-site
 - Street & Storm Water Maintenance Manager and Assistant Director of Public Works meet on-site
 - City Arborist notifies adjacent homeowners of removal
 - Trees marked for removal
- April 16, 2012 – City temporarily halts tree removal due to neighborhood concerns

Evaluation

- Summer 2011 – City applies for TRIM grant
- October 2011 – TRIM grant awarded to City

Evaluation

- TRIM grant used to conduct survey of right-of-way trees in Old Southwest neighborhood
- March 2012 - Survey conducted
 - Approximately 2400 data points collected
- April 2012 – Survey results received

Evaluation

➤ Survey Results

- Tree Condition Rating – ISA
- Risk Assessment Rating – USDA

Evaluation

➤ Tree Condition Rating Scale

- Excellent. 100% condition rating.
- Very Good. 90% condition rating.
- Good. 80% condition rating.
- Fair. 60% condition rating.
- Poor. 40% condition rating.
- Critical. 20% condition rating.
- Dead. 0% condition rating.

Evaluation

➤ Risk Assessment Rating

- Risk rating (3-10 points) =
 - Probability of failure (1-4 points) +
 - Size of defective part (1-3 points) +
 - Probability of target impact (1-3 points) +
 - Optional subjective risk rating (0-2 points)
 - (Higher rating indicates higher risk and should receive corrective treatment first)

Evaluation

Tree Location	Condition Rating	Risk Rating
201 Westwood Ave.	Fair	4
201 Westwood Ave.	Good	4
201 Westwood Ave.	Good	4
505 W. Stewart Rd.	Fair	6
505 W. Stewart Rd.	Fair	5
505 W. Stewart Rd.	Good	5
505 W. Stewart Rd.	Poor	6
604 W. Broadway	Poor	7

505 W. Stewart



505 W. Stewart



505 W. Stewart



505 W. Stewart



505 W. Stewart



505 W. Stewart



505 W. Stewart



505 W. Stewart



505 W. Stewart



505 W.Stewart



505 W. Stewart



505 W. Stewart



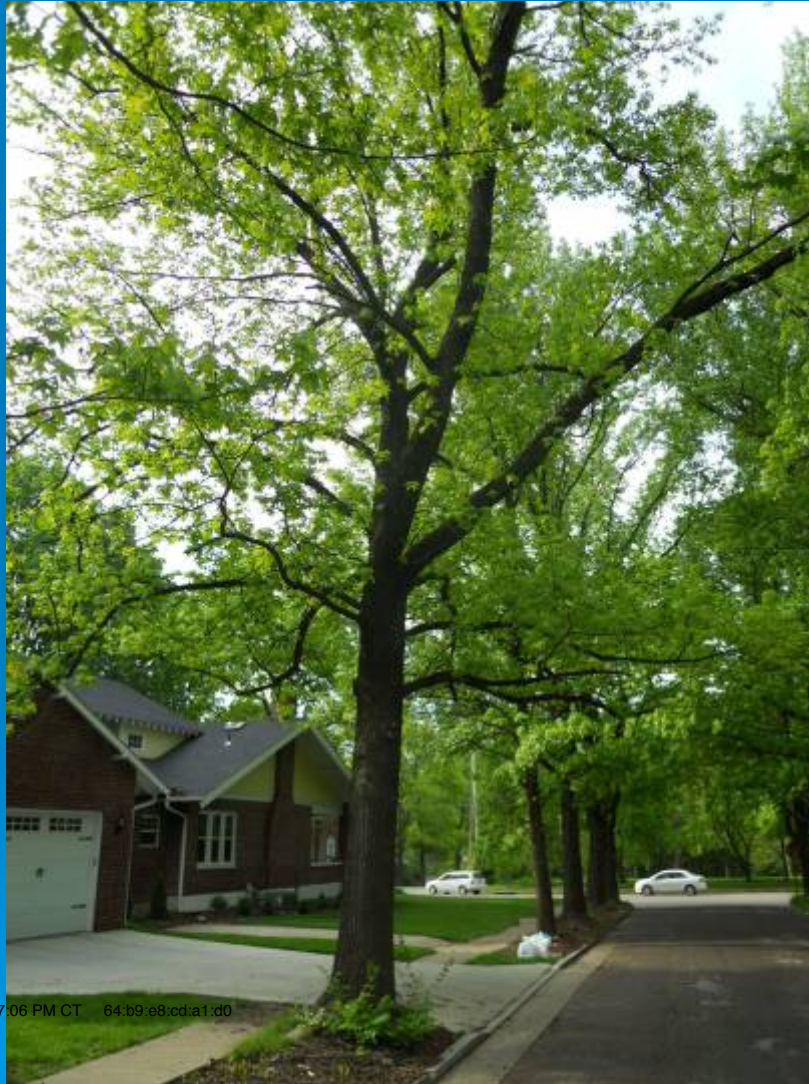
505 W. Stewart



505 W. Stewart



505 W. Stewart



505 W. Stewart



505 W. Stewart



505 W. Stewart



505 W. Stewart



201 Westwood Ave



201 Westwood Ave



201 Westwood Ave.



604 W. Broadway



604 W. Broadway



604 W. Broadway



Alternatives

- 505 W. Stewart Rd.
 - Approximately \$6,000 to replace sidewalk
- 201 Westwood Ave.
 - Approximately \$10,000 to replace sidewalk and construct retaining wall
- 604 W. Broadway
 - Approximately \$800 to replace sidewalk
- Pros and cons of replacement

505 W. Stewart



201 Westwood Ave.



604 W. Broadway



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Questions?